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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

of 4695, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Under the Paperwork Reduct STATEMENT UNDER 37 CFR 3.73(b) **Kurt Clement** Applicant/Patent Owner: Application No./Patent No.: _____09/518,787____ Confirmation No. (if application): Unknown 3/3/00 Filed/Issue Date: SOFTWARE DISTRIBUTION METHOD AND APPARATUS Entitled: Micron Technology, Inc. а Delaware corporation (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) RECEIVED states that it is: the assignee of the entire right, title, and interest; or \boxtimes FEB 2 7 1002 an assignee of an undivided part interest Technology Center 2100 in the patent application/patent identified above by virtue of either: A.

An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached. OR B. X A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: 1. From: Kurt Clement To: Micron Electronics, Inc. The document was recorded in the United States Patent and Trademark Office at Reel 010661, Frame 0737, or for which a copy thereof is attached. To: Micron Technology, Inc. 2. From: Micron Electronics, Inc. The document was recorded in the United States Patent and Trademark Office, or for which a copy thereof is attached. To: 3 From: The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached. ☐ Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8] The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee. Signature Michael L. Lynch Typed or printed name

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Chief Patent Counsel

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MAY 30, 2000

MICRON ELECTRONICS, INC.

PAUL A. REVIS

PATENT DEPT., MAIL STOP 820

900 EAST KARCHER ROAD NAMPA, IDAHO 83687

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Patent and Trademark Office

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UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/03/2000

REEL/FRAME: 010661/0737

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CLEMENT, KURT

DOC DATE: 03/02/2000

ASSIGNEE:

MICRON ELECTRONICS, INC. 900 EAST KARCHER ROAD NAMPA, IDAHO 83687

SERIAL NUMBER: 09518787

PATENT NUMBER:

FILING DATE: 03/03/2000

ISSUE DATE:

SHIRLIE SIMON, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)

04-10-2000

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To the Honorable Commission of Patents and Trademarks: Plea	se record the attached original documents or copy thereof.
1. Name of conveying party(ies): Kurt Clement	2. Name and address of receiving party(ies): Name: MICRON ELECTRONICS, INC. Internal Address:
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date:	Street Address: 900 East Karcher Road City: Nampa State: Idaho Zip: 83687 Additional name(s) and address(es) attached? Yes No
 Application number(s) or patent number(s): If this document is being filed together with a new application. A. Patent Application No(s). Additional numbers at 	on, the execution date of the application is: B. Patent No(s). FEB 2 7 2002 tached? Yes No
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Paul A. Revis Internal Address: Patent Dept., Mail Stop 820 MICRON ELECTRONICS, INC.	6. Total number of application and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00 □ Enclosed X Authorized to be charged to deposit account
Street Address: 900 East Karcher Road City: Nampa State: Idaho Zip: 83687	8. Deposit account number: 500659 (Attach duplicate copy of this page if paying by deposit account)
9. Statement and signature. To the best of my knowledge and belief, the foregoing infor the original document. Paul A. Revis Name of Person Signing Signature	mation is true and correct and any attached copy is a true copy of $\frac{3}{3}$

Total number of pages including cover sheet, attachments, and document: 3 09518787

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THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Kurt Clement

Serial No.: Unknown

Filed: Concurrently herewith

For: SOFTWARE DISTRIBUTION METHOD AND

APPARATUS

Group Art Unit: Unknown

Examiner: Unknown

Atty. Docket: 99.03776

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to MICRON ELECTRONICS, INC., (the "Assignee"), a corporation of Minnesota having a place of business at 900 East Karcher Road, Nampa, ID 83687 the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and "Software Distribution Method and Apparatus" such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature)	urt Clemen	Date: 3- 2-00
STATE OF IDAHO)	COPY OF PAPERS ORIGINALLY FILED
County of Canyon) ss.)	

BEFORE ME, this 21dd day of Warch 19-2000 personally appeared the above-named individual(s), to me known to be the person(s) who is (are) described in and who executed the foregoing assignment instrument and acknowledged to me that he/she (they) executed the same of his/her (their) own free will for the purpose therein expressed.

SEAL

Notary or Consular Officer
My Commission Expires: 6 112/73

Schedule 8.1 Assignment

ASSIGNMENT

MEI California, Inc., a California corporation and a direct, wholly-owned subsidiary of Micron Electronics, Inc., a Minnesota corporation, having an office at 900 East Karcher Road, Nampa, Idaho 83687, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, hereby sells, assigns, and transfers its entire right, title and interest in and to the Patents (patents, patent applications, and inventions disclosures including all trade secrets, know-how, manufacturing information, and the like, as described in the invention disclosure documents associated with the listed invention disclosures) including without limitation, damages and payments (not already collected or presently owing pursuant to an existing license agreement) for past or future infringements thereof, and the right to bring suit and recover against any third party for acts of infringement occurring before the date of this Assignment, and including all divisions, continuations, continuations-in-part, reissues, reexaminations, extensions or equivalents thereof in all pending applications therefor, all foreign counterparts thereof and all pending applications therefor, and any period of market exclusivity relating thereto, in and to the following patents and patent applications to Micron Technology, Inc., a Delaware corporation, having a place of business at 8000 South Federal Way, Boise, ID 83707-0006:

PATENTS

2. 7.3	Docker Number	Inventor(SIS-20	Pateote Numberess		INC.
1	91.00233.01	Canella, Stevenson, Charlton, Earnest	5,528,603		Apparatus And Method For Testing An Integrated Circuit Using A Voltage Reference Potential and A Reference Integrated Circuit
2	92.00674.02	Hank Gerdes	5,781,447		System For Recreating A Printed Circuit Board From Disjointly Formatted Data
3	93.00289.00	Canella, Famsworth	5,510,723	4/23/96	Diced Semiconductor Device Handler
4	93.00289.01	Canella	5,648,728	7/15/97	Diced Semiconductor Device Handler
5	93.00289.02	Canella, Famsworth	6,089,107	7/18/00	Process For testing A Semiconductor Device
6	93.00454.00	Chase Mart	5,440,519	8/8/95	Switched Memory Expansion Buffer
7	93.00454.01	Mart, Kledzik	5,563,838	10/8/96	Module Having Voltage Control Circuit To Reduce Surges In Potential
8	93.00547.01	Dean Klein	5,657,482	8/12/97	Automatic Clock Speed Sensing
9	93.00549.00	Dean Klein	5,685,012	1 1/4/97	System For Employing High Speed Data Transfer Between Host and Peripheral VIa Host Interface Circuitry Utilizing An IORead Signal Driven By the Peripheral or the Host
10	93.00549.01	Dean Klein	5,809,338	9/15/98	System For Transferring A Plurality of Data Between A Peripheral and A Host Interface Utilizing Data Driving Circuitry Strobed By Host Interface or Peripheral
11	94.00467.00	Dean Klein	5,721,673	2/24/98	Socket For Retaining Multiple Electronic Rackages
12	94.00467.01	Dean Klein	5,883,790	3/16/99	Socket For Retaining Multiple Electronic Packages
13	95.00022.00	Peterson, Farrel	6,021,452	2/1/00	Computer System Capable of Symmetrical Processing
14	95.00022.01	Peterson, Farrel	6,044,452	3/23/00	Method For Symmetrically Processing
15	95.00369.00	Dean Klein	5,724,260	3/3/98	Circuit For Monitoring The Usage of Components Within A Computer System



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				1881uma31 -	
95.00369.01	Dean Klein	6,076,050		Circuit For Monitoring The Usage of Components With A Computer System	
95.00370.00	Dean Klein	5,748,957	5/5/98	Computer System Usage Determination Based on Hard Drive Activity	
95.00370.01	Dean Klein	5,951,700	9/14/99	Computer System Usage Determination Based on Hard Drive Activity	
95.00371.00	Dean Klein	5,644,472		Variable Speed Controller	
95.00371.01	Dean Klein	6,061,236		Computer Component Carrier That Directs Airflow to Critical Components	
95.00541.00	Gregory Herrick	5,483,250		Projection Display System For A Laptop Computer or A Notebook Computer	
95.00552.00	Dean Klein; Eric Anderson			Multi-Drive Virtual Mass Storage Device and Method of Operating Same	
95.00557.00	Gregory Herrick	5,204,497		Computer Front Panel With Offset Airflow Louvers	
95.00558.00	Thomas, Barry, Flom	5,206,790	4/27/93	Pivot and Swivel Mechanism For Laptop Oisplay	
95.00559.00	Dean Klein	5,255,109	10/19/93	Heat Dissipating LCD Display	
95.00560.01	Gregory Herrick	5,278,351	1/11/94	Personal Computer Cabinet Cover With EMI Chips	
95.00683.00	lbarra	5,738,323	4/14/98	Positioner For Overhanging Components	
95.00683.01	Ibarra	5,904,331	5/18/99	Positioner For Overhanging Components	
95.00684.00	Canella	5,937,270	8/10/99	Method of Efficiently Laser Marking Singulated Semiconductor Devices	
95.00684.01	Canella	5,986,235	11/16/99	Method of Efficiently Laser Marking Singulated Semiconductor Devices	
95.00934.00	Ronwer	6,009,536		Method For Using Fuse Identification Codes For Masking Bad Bits On A Single In-Line Memory Module	
95.00934.01	Rohwer	5,913,020		Method For Using Fuse Identification Codes For Masking Bad Bits On A Single In-Line Memory Modules	
	Dean Klein	5,905,901		Method For Adaptive Power Management of A Computer System	
95 01013.01	Dean Klein	5,913,067		Apparatus For Adaptive Power Management of A Computer System	
95.01014.00	Dean Klein	6,160,561	12/12/00	Method And Apparatus For Displaying Data on Video Display	
95.01014.01	Dean Klein	6,104,373	8/15/00	Apparatus For Displaying Data on A Video Display	
95.01015.00	Dean Klein	5,958,023		Method For Low Power Wireless Keyboard That Detects A Host Computer Query For The State of A Key Then Powers Up To Determine and Transmit Back the State of That Key	
95 01015.01	Dean Klein	5,925,110		Lower Power Keyboard With Power Supply Switch That is Activated by Receiver Output To Power Up And Down Keyboard Components Including Microcontroller Demodulator and Modulator	
95.01016.00	Dean Klein	5,958,065	9/28/99	Content Acdressable Bit Replacement Memory	
95 01016.01	Dean Klein	5,926,620	7/20/99	Content Addressable Bit Replacement Memory	
95.01020.00	Dean Klein	6,065,069		Circuit To Sense and Switch Between An Internal and External Pointing Device	
95.01021,00	Dean Klein	5,796,590		Assembly Aid For Mounting Packaged Integrated Circuit Devices To Printed Circuit Boards	
95.01021.01	Dean Klein	5,930,889		Method For Mounting Packaged Integrated Circuit Devices to Printed Circuit Boards	
95.01021.02	Dean Klein	6,084,781	7/4/00	Assembly Aid For Mounting Packaged Integrated Circuit	
95.01021.02	Jeff Leyda	5,794,032		Devices to Printed Circuit Boards System For the Identification and Configuration of Computer	
	95.00370.00 95.00370.01 95.00371.00 95.00371.01 95.00371.01 95.00541.00 95.00552.00 95.00557.00 95.00560.01 95.00583.00 95.00683.01 95.00684.00 95.00684.00 95.00684.01 95.00934.00 95.01013.01 95.01013.01 95.01015.00 95.01015.00	95.00370.00 Dean Klein 95.00370.01 Dean Klein 95.00371.00 Dean Klein 95.00371.01 Dean Klein 95.00371.01 Dean Klein 95.00541.00 Gregory Herrick 95.00552.00 Dean Klein; Eric Anderson 95.00557.00 Gregory Herrick 95.00559.00 Dean Klein 95.00560.01 Gregory Herrick 95.00583.00 Ibarra 95.00683.01 Ibarra 95.00684.00 Canella 95.00684.01 Canella 95.00934.01 Rohwer 95.00934.01 Pean Klein 95.01013.01 Dean Klein 95.01014.00 Dean Klein 95.01015.00 Dean Klein 95.01015.01 Dean Klein 95.01015.01 Dean Klein 95.01016.00 Dean Klein 95.01016.01 Dean Klein 95.01016.01 Dean Klein 95.01016.00 Dean Klein 95.01016.01 Dean Klein	95.00370.00 Dean Klein 5,748,957 95.00370.01 Dean Klein 5,951,700 95.00371.00 Dean Klein 5,644,472 95.00371.01 Dean Klein 6,061,236 95.00541.00 Gregory Herrick 5,483,250 95.00552.00 Dean Klein; Eric Anderson 5,671,439 95.00557.00 Gregory Herrick 5,204,497 95.00558.00 Thornas,Barry,Flom 5,206,790 95.00559.00 Dean Klein 5,255,109 95.00560.01 Gregory Herrick 5,278,351 95.00683.00 Ibarra 5,738,323 95.00684.00 Canella 5,937,270 95.00684.01 Canella 5,986,235 95.00934.01 Rohwer 6,009,536 95.01013.01 Dean Klein 5,913,097 95.01014.00 Dean Klein 5,913,097 95.01014.01 Dean Klein 5,958,023 95.01015.01 Dean Klein 5,958,023 95.01016.00 Dean Klein 5,958,065 95.01020.00 Dean Klein <td>95.00370.00 Dean Klein 5,748,957 S/5/98 95.00370.01 Dean Klein 5,951,700 9/14/99 95.00371.00 Dean Klein 5,644,472 7/1/97 95.00371.01 Dean Klein 6,061,236 5/9/00 95.00541.00 Gregory Herrick 5,483,250 1/9/96 95.00552.00 Dean Klein; Eric Anderson 95.00557.00 Gregory Herrick 5,204,497 4/20/93 95.00558.00 Thomas,Barry,Flom 5,206,790 4/27/93 95.00559.00 Dean Klein 5,255,109 10/19/93 95.00559.00 Dean Klein 5,255,109 10/19/93 95.00560.01 Gregory Herrick 5,278,351 1/11/94 95.00683.00 Ibarra 5,738,323 4/14/98 95.00683.01 Ibarra 5,904,331 5/18/99 95.00684.00 Canella 5,937,270 8/10/99 95.00584.01 Canella 5,986,235 11/16/99 95.00934.01 Rohwer 6,009,536 12/28/99 95.00934.01 Rohwer 5,913,020 6/15/99 95.01013.01 Dean Klein 5,905,901 5/18/99 95.01013.01 Dean Klein 5,958,023 9/28/99 95.01014.01 Dean Klein 6,160,561 12/12/00 95.01015.01 Dean Klein 5,958,023 9/28/99 95.01015.01 Dean Klein 5,958,065 9/28/99 95.01016.01 Dean Klein 5,958,065 9/28/99 95.01016.01 Dean Klein 5,926,620 7/20/99 95.01020.00 Dean Klein 5,956,590 8/18/98</td>	95.00370.00 Dean Klein 5,748,957 S/5/98 95.00370.01 Dean Klein 5,951,700 9/14/99 95.00371.00 Dean Klein 5,644,472 7/1/97 95.00371.01 Dean Klein 6,061,236 5/9/00 95.00541.00 Gregory Herrick 5,483,250 1/9/96 95.00552.00 Dean Klein; Eric Anderson 95.00557.00 Gregory Herrick 5,204,497 4/20/93 95.00558.00 Thomas,Barry,Flom 5,206,790 4/27/93 95.00559.00 Dean Klein 5,255,109 10/19/93 95.00559.00 Dean Klein 5,255,109 10/19/93 95.00560.01 Gregory Herrick 5,278,351 1/11/94 95.00683.00 Ibarra 5,738,323 4/14/98 95.00683.01 Ibarra 5,904,331 5/18/99 95.00684.00 Canella 5,937,270 8/10/99 95.00584.01 Canella 5,986,235 11/16/99 95.00934.01 Rohwer 6,009,536 12/28/99 95.00934.01 Rohwer 5,913,020 6/15/99 95.01013.01 Dean Klein 5,905,901 5/18/99 95.01013.01 Dean Klein 5,958,023 9/28/99 95.01014.01 Dean Klein 6,160,561 12/12/00 95.01015.01 Dean Klein 5,958,023 9/28/99 95.01015.01 Dean Klein 5,958,065 9/28/99 95.01016.01 Dean Klein 5,958,065 9/28/99 95.01016.01 Dean Klein 5,926,620 7/20/99 95.01020.00 Dean Klein 5,956,590 8/18/98	

46	95.01133.01	Jeff Leyda	5.867,730	2/2/99	Method For Configuration of Peripherals by Interpreting Response From Peripherals To Enable Selection of Driver File and Latering Configuration Filed to Enable Loading of Selected Driver File
47	95.01135.00	Mike Noll	5,793,943		System For A Primary Bios Rom Recovery In A Dual Bios Rom Computer System
48	95.01135.01	Mike Noll	5,835,695		Method For A Primary Bios Rom Recovery In A Dual Bios Rom Computer System
49	95.01135.02	Mike Noll	6,185,696		System For A Primary Bios Rom Recovery In A Dual Bios Rom Computer System
50	96.00030.00	Rondeau, Magee	5,661,677		Circuit and Method For On-Board Programming of PRD Serial EEPROMS
51	96.00030.01	Rondeau, Magee	5,859,792		Circuit For On-Board Programming of PRD Serial EEPROMS
52	96.00030.02	Rondeau, Magee	5,963,463	10/5/99	Method For On-Board Programming of PRD Serial EEPROMS
53	96.00138.00	Dean Klein	5,938,764		Apparatus For Improved Storage of Computer System Configuration Information
54	96.00225.00	Nasman	5,666,106	9/9/97	Accessway with Grounding Sensor
55	96.00415.00	Eric Anderson	6,003,130		Apparatus For Selecting, Detecting and/or Reprogramming System Bios In A Computer System
56	96.00415.01	Eric Anderson	6,161,177		Method For Selecting, Detecting and/or Reprogramming System Bios in a Computer System
57	96.00446.00	Dean Klein	5,941,989		Apparatus For Indicating Power-Consumption Status In A Computer System
58	96.00446.01	Dean Klein	5,996,079		Method For Indicating Power-Consumption Status In A Computer System
59	96.00447.00	Dean Klein	5;935,258		Apparatus For Allowing Data Transfers With A Memory Having Defective Storage Locations
60	96.00447.01	Dean Kisin	5,925,138		Method For Allowing Data Transfers With A Memory Having Defective Storage Locations
61	96.00450.00	Dean Klein	5,935,226	8/10/99	Method and Apparatus For Issuing Transaction Requests to A Target Device In Accordance Wit the State of Connection Entween the Portable Computer and the Transit Device
62	96.00450.01	Dean Klein	6,035,354	3/7/00	Method For Issuing Transaction Requests To A Target Device In Accordance With the State of Connection Between A Portable Computer and the Target Device
63	96.00586.00	5oe	5,731,525	3/24/98	Extraction Force Tester
64	96.00586.01	Boe.	5,798,464	8/25/98	Method Of Measuring Extraction Forces
65	96.00586.02	Boe	6,014,901	1/18/00	Extraction Force Tester
66	96.00587.01	Jon Frank, Jeff Leyda, Bob Magette	5,954,827		Method and System For Indicating Computer Status
67 [.]	96.00587.02	Jon Frank, Jeff Leyda, Bob Magette	6,049,896		Method and System For Indicating Computer Status
68	96.00588.00	Frank, Johnson	5,877,956		System For Burning in and Diagnostically Testing A Computer
69	96.00588.02	Frank, Johnson	6,175,774	1/16/01	Method For Burning In And Diagnostically Testing A Computer
70	96.00589.00	Johnson, Larsen, Boe	5,813,246		Chambered Forced Cooling System
71	96.00589.01	Johnson, Larsen, Boe	5,860,291		Chambered Forced Cooling Method
72	96.00594.00	Johnson	5,683,159		Hardware Mounting Rail
73	96.00594.01	Johnson .	5,806,949		Hardware Mounting, Rail
74	96.00598.00	Canella, Ibarra	5,997,388		Apparatus For Removing Laser Marks From Integrated Circuit Devices
75	96.00598.01	Canella, Ibana	5,938,508	8/17/99	Method For Removing Laser Marks From Integrated Circuit Devices

	76	96.00601.00	Eric Anderson, Mike	5,996,072	11/30/99	Method For Preserving and Displaying Text On A PC Bios Boo
	L		Noll		'	The state of the s
	77	96.00602.00	Robinson, Villa	5,836,575		Wafer Manual Handpick Station
	78	96.00612.00	Dean Klein	6,011,541		Dual Pointing Device
	79	96.00613.00	Dean Klein	6,014,141		Method and Apparatus For Selectively Displaying A Parameter in a Separate Panel
	80	96.00616.00	Larsen	5,841,710		Dynamic Address Remapping Decoder
•	81	96.00616.01	Larsen	5,920,512		Dynamic Address Remapping Decoder
	82	96.00618.00	James Meyer	6,061,822		IDE Controller Data Integrity Circuit For Raid 1 System
	83	96.00618.01	James Meyer	5,953,352		Method of Checking Data Integrity For A Raid 1 System
•	84	96.00621.01	Boe	6,176,001		Method For Mounting Computer Components
•	85	96.00621.02	Boe	6,158,699		Apparatus For Mounting Computer Components
	86	96.00626.00	Eric Anderson	5,974,546		Apparatus and Method To Determine Cause of Failed Boot Sequence To Improve Likelihood of Successful Boot Attempt
	87	96.00633.00	Barrus	5,958,058		User-Selectable Power Management Interface With Application Threshold Warnings
	88	96.00633.01	Barrus	6,192,480		Method of Managing Power For A Computer System and Generating Application Threshold Warnings
	89	96.00642.01	Joe Jeddeloh	5,974,564		Method For Remapping Defective Memory Bit Sets To Non- Defective Memory Bit Sets
	80	96.00645.00	Boe	5,960,522		RibbonCable Alligator Clamp
	91	96.00645.01	Boe	5,937,745		Method of Clamping A Ribbon Cable
	92	96.00648.00	lbarra	5,895,019		Positioner For Overhanging Components
	93	96.00649.00	Canella	6,112,940		Vertical Storage Bin For Thin Package Devices
$\{C_{ij}\}_{i=1}^{n}$	94	96.00649.01	Canella	6,135,291		Vertical Magazine Method For Integrated Circuit Device Dispensing, Receiving, Storing, Testing or Binning
	95	96.00651.00	Dean Klein	6,038,672		A Portable Computer With Low Power CD-Player Mode
<u>and providing</u> to the	96-	<u>∋€ 50€59,93.</u>	Does Kinie	5,987,551		Attechment or Integration of A Rios Geriae Into A Computer ः। System using A Local Bus
	97	96.00653.01	Dean Klein	6,003,103		Method For Attachment or Integration of A Bios Device Into A Computer system Using A Local Bus
	98	96.00655.00	Keith Paul	5,991,875	1	System Configuration Card
	99	96.00655.01	Keith Paul	5,954,808		Method For Configuring A Computer-Based System With A Configuration Card
	100	96.01999.00	Dean Klein	6,076,118		Attachment or Integration of A Bios Device Into A Computer System Using The System Memory Address and Data Bus
	101	96.01999.01	Dean Klein	5,961,643		A Method For Attachment or Integration of a Blos Device Into A Computer System Using the System Memory Address and Data Bus
	102	96.02000.00	Dean Klein	6,009,522		Attachment or Integration of A Bios Device Into A Computer System Using the Memory Data Bus
	103	96.02000.01	Dean Klein	6,182,213		Method For Attachment or Integration of a bios Device Into A Computer System Using the System Memory Data Bus
	104	97.00001.01	Parrish .	5,936,380	ł.	Alternative Power For A Portable Computer Via Solar Cells
	105	97.00006.00	Magette	6,031,715	1	Component Mounting Module For Printed Circuit Assemblies
	106	97.00006.01	Magette	6,178,624		Method For Mounting A Component To A Printed Circuit Assembly
	107	97.00008.00	Metivier	5,893,450		Roller Conveyor Cleaning Apparatus
	108	97.00008.01	Metivier .	5,884,751	L	A Method For Cleaning The Rollers of A Roller Conveyor
	109	97.00009.00	Johnson, Schaff	5,986,883	11/16/99	Apparatus For Cooling Central Processing Units In Personal Computers

110	97.00010.00	Boe	6,049,963	4/18/00	Method For Mounting An Element
	97,00013.00	Canella	6,121,067		Method For Additive De-Marking of Packaged Integrated
111	197,00013.00	Callella	0,121,001		Circuits and Resulting Packages
112	97.00013.01	Canella	6,200,386		Apparatus For Additive De-Marking of Packaged Integrated Circuits
113	97.00015.00	Charlton, Ochoa	6,161,052		A Method For Identifying A Component With Physical Characterization
114	97.00023.00	Dean Klein; Greg Stevenson	6,064,303		Personal Computer-Based Home Security System
115	97.00023.01	Dean Klein; Greg Stovencon	6,107,918		Method For Personal Computer-Based Home Surveillance
116	97.00025.00	Fleming	6,031,894		Method and Apparatus For Locating A Stolen Electronic Devic Using Automatic Number Identification
117	97.00026.00	Fleming	6,052,782		Method For Locating A Stolen Electronic Device Using Electronic Mail
118	97.00026.01	Fleming	6,128,739	10/3/00	Apparatus For Locating A Stolen Electronic Device Using Electronic Mail
119	97.00033.00	Brunelle	5,937,022		Parts Counting Apparatus
120	97.00033.01	Brunelle	5,933,470		A Method For Counting Parts
121	97.00034.00	Ruckdashel	6,038,542	•	System For Notifying An Individual of a Previously Scheduled Event
122	97.00034.01	Ruckdashel	6,144,942		Method For Notifying An Individual of a Previously Scheduled Event
123	97.00066.01	Cowan	6,098,182		Apparatus For Monitoring Tests Run On A Personal Computer
124	97.00068.00	Hinrich, Doan, Cowan, McGill, Rabum, Johnson	5,946,695		A Method For Providing A User With Parameter-Specific Information
125	97.00068.01	Hinnich, Doan, Cowan, McGill, Rabum, Johnson	6,026,431		A System For Providing A User With Parameter-Specific Information
126	97.00071.00	Price Travis	6,119,994	-	Device For Supporting A First Computer Component Relative To A Second Computer Component
127	97.00071.01	Price, Travis	6,082,692		Method For Supporting A First Computer Component Relative To A Second Computer Component
128	97.00176.00	Dean Klein; Hoyt Fleming	6,163,326		Input Device For A Laptop Computer
129	97.00203.00	Brunelle	5,998,751		Sorting System For Computer Chips
130	97.00203.01	Brunelle	5,996,996		Method of Sorting Computer Chips
131	97.00283.00	Ruckdashel	6,018,800	1/25/00	Security Mechanism For A Computer System
132	97.00284.00	Howell	6,091,402	7/18/00	A Foot Operated Input Device
	97.00285.00	Dean Klein	6,078,973	5/20/00	Apparatus For Modem Interface In A Computer System
404	97.00285.01	Dean Klein	6,134,609	10/17/00	Method For Using Computer System Memory As A Modem Data Buffer
134					
	97.00287.00	Boe	6,178,611	1	Apparatus For Installing A Clip
135		Boe Dean Klein	6,178,611 6,106,566	8/22/00	Upgradeable Electronic Module and System using Same
135 136	97.00287.00			8/22/00 3/28/00	Upgradeable Electronic Module and System using Same Upgradeable Mobile Processor Module and Method for Implement
135 136 137	97.00287.00	Dean Klein	6,106,566	8/22/00 3/28/00	Upgradeable Electronic Module and System using Same Upgradeable Mobile Processor Module and Method for
135 136 137 138	97.00287.00 97.00288.00 97.00288.01	Dean Klein Dean Klein	6,106,566 6,044,427	8/22/00 3/28/00 11/23/99 4/25/00	Upgradeable Electronic Module and System using Same Upgradeable Mobile Processor Module and Method for Implement Reverse Oriented Processor Configuration Adapter Tool For Mounting Components on Printed Circuit Boards
135 136 137 138 139	97.00287.00 97.00288.00 97.00288.01 97.00891.00	Dean Klein Dean Klein Cronin, Schaff	6,106,566 6,044,427 5,991,837	8/22/00 3/28/00 11/23/99 4/25/00	Upgradeable Electronic Module and System using Same Upgradeable Mobile Processor Module and Method for Implement Reverse Oriented Processor Configuration Adapter Tool For Mounting Components on Printed Circuit

	142 97.01019.01	Soe	6,018,867	2/1/00	Integrated Circuit Cartridge Extracting Tool
•	143 97.01053.00	Boe	6,116,120	9/12/00	Adjustable tool For Applying Torque to A CPU Fan Unit
	144 97.01053.01	Boe	6,112,397	9/5/00	Method of Applying Torque to A CPU Fan Unit
	145 97.01329.00	Buit	5,970,468		Method and System For Communicating Between Users of A Productivity Tracking System
	146 97.01333.00	Buli	6,141,649	10/31/00	Method and System For Tracking Employee Productivity Via Electronic Mail
	147 97.01379.00	Price	6,048,222		Retentive Ribbon Cable Connector
	148 97.01379.01	Price	6,098,284		Method of Retentively Attaching A Ribbon Cable Connector To A Device
	149 97.01383.00	Boe	6,023,827		Cam Heat Sink Clip Installation and Removal Tool and Method
	150 97.01383.01	Boe	6,023,832		Cam Heat Sink Clip Installation and Removal Tool and Method
•	151 97.01473.00	Boe	5,987,706		Device For Removably Coupling A Plurality of Structures
·	152 97.01473.01	Boe	5,884,368		Method For Removably Coupling A Plurality of Structures
	153 97.01607.00	Sears	6,098,101		Method And Apparatus For Generating Shared Modem Usage Reports In A Networked Computer System
	154 97.01608.00	Brunelle	5,982,495		Object Counting Method and Apparatus
	155 97.01610.00	Robinson	6,009,686		De-Reeler For Tape Holding Parts
	156 97.01610.01	Robinson	5,937,497		A Method For Removing Parts From Tape
	157 97.01658.00	Frohardt	6,089,167		Electrostatic Discharge Safe Work Station
	158 97.01658.01	Frohardt	6.154.956		Method of Assembling Components On An Electrostatic Discharge Safe Work Station
	159 97.01659.00	Boe	6,124,552		Motherboard Screwless Mounting Spacer
	160 97.01660.00	Paulson	6,112,319		Method and Apparatus For AGP Read Verification
(\cdot,\cdot)	161 97.01695.00	Pretz	6,014,658		Method and Apparatus For Managing Solutions to Problems
	162 97.01826.00	Eric Anderson	5,982,147		System For Displaying A Status Condition of A Battery
	163 97.01826.01	Eric Anderson	6,078,871	***	Method of Displaying A Status Condition of A Battory
isani ng Kis≱ar T	164 97.01906.01	Boe	6,035,529		Header Pin Pre-Load Method
	165 97.01944.00	Brunelle	5,940,465		Method For Counting Parts In A Tray
	166 97.01944.01	Brunelle	5,940,466		Apparatus For Counting Parts in a Tray
	167 97.01985.00	Sowards	6,131,172	,	Method For Classifying Electronic Components
	168 97.01985.01	Sowards	6,104,985		Device for Classifying Electronic Components
	169 97.02153.00	Foust	5,988,717		Method For Moving A Vacuum Litter on and off an Object
	170 97.02257.00	Brunelle	6,026,553	2/22/00	A Method For Stacking Receptacles
	171 97.02257.01	Brunelle	6,015,046	1	A Stackable Receptacle
	172 97.02258.00	Nouri, Johnson	6,122,746	I .	System For Powering Up and Powering Down A Server
	173 97.02258.01	Nouri, Johnson	6,163,849		Method of Powering Up and Powering Down A Server To A Maintenance State
	174 97.02260.01	Howell	6,012,683	1	Apparatus For Managing Cables
	175 97.02320.00	Fleming	6,107,990		Laptop With Buttons configured For Use With Multiple Pointing Devices
	176 97.02320.01	Fleming	5,982,358		Method For Providing Buttons For Use With Multiple Pointing Devices
-	177 97.02321.00	Wilson, Mitch	6,076,905		Input Device Enclosure
	178 97.02325.01	Zarek	5,951,179	1	Method of Operating a Computer Keyboard Assembly
**	179 97.02353.00	Henderson, Amdahl, Smith	5,990,582	11/23/99	Computer Fan Speed Control Device

	400	97.02353.01	Henderson, Amdahi,	5,962,933	10/5/99	Computer Fan Speed Control Method
•	1		Smith			
		97.02379.00	Murphy	6,195,084	1	Mouse Buttons Designed For Improved Availability
	182	97.02553.00	Nouri, Johnson	6,065,053		System For Resetting A Server
	183	97.02554.00	Nouri, Johnson	6,138,250		System For Reading System Log
	184	97.02554.01	Nouri, Johnson	6,073,255		Method of Displaying Flight Recorder
	185	97.02555.01	Chari	6,068,661		Method of Emulating Synchronous Communication
	186	97.02557.00	Chari, Bright	6,134,615	·	Software System Facilitating The Replacement or Insertion of Devices In A Computer System Through the Use of A Graphical User Interface
	187	97.02557.01	Chari	6,134,614		Method For facilitating The Replacement or Insertion of Devices In A Computer System Through The Use of A Graphical User Interface.
	188	97.02558.01	Chari	6,046,742		Display of System Information
	189	97.02558.02	Charl	6,151,023		Display of System Information
	190	97.02561.01	Liu, Nguyen, Johnson	6,170,067		System For Automatically Reporting A System Failure In A Server
	191	97.02563.01	Henderson, Amdahl, Smith, Agneta	6,195,717		Method of Expanding PCI Bus Loading Capacity
		97.02581.00	Oa\$ilva	6,148,417		A Method to Quickly Determine The Source of Data Corruption By Retrying Failure From A Different Source
	193	97.02601.00	Overgaard	6,138,542		Apparatus For Handling and Manipulating Microelectronic Components
	194	97.02601.01	Overgaard	6,062,119		Method For Handling and Manipulating Microelectronic Components
	195		Sheikh, Johnson	6,189,109		Method of Remote Access and Control of Environmental Conditions
	196	97.02686.00	Sheikh, Johnson	6,202,160		System For Independent Powering of Diagnostic Processes on A Computer System
in the second	197	97.02686.01	Sheikh, Johnson	6,134,668		Method of Independent Powering of Diagnostic Processes On A Computer System
	198	97,02689.00	Johnson, Wallach, Nguyen, Amdahi	6,122,758		System For Mapping Environmental Resources To Memory For Program Access
•	199	97.02689.01	Johnson, Wallach, Nguyen, Amdahl	6,199,173		Method For Mapping Environmental Resources To Memory For Program Access
•	200	97.02690.02	Wallach, Findlay, Pellicer	6,202,111		Method For the Hot Add of A Network Adapter On A System Including A Statically Loaded Adapter Drive
	201	97.02690.03	Wallach, Findlay, Pellicer	6,179,486		Method For The Hot Add of A Mass Storage Adapter On A System Including A Dynamically Loaded Adapter Driver
	202	97.02691.01	Wallach, Khalli, Mahalingam, Reed	5,892,928		Method For The Host Add of A Network Adapter on a System Including A Dynamically Loaded Adapter Oriver
	203	97.02691.02	Wallach, Khalli, Mahalingam, Reed	5,889,965		Method For the Hot Swap of A Network Adapter On A System Including A Dynamically Loaded Adapter Driver
	204	97,02691.04	Wallach, Khalli, Mahalingam, Reed	6,163,825		Method For Hot Adding A Network Adapter By Identifying And Executing The Adapter Driver Based Upon The Logical Board Number of the Network Adapter
	205	97.02692.02	Wallach, Khalli, Mahalingam, Reed	6,170,028	1/2/01	Method For Hot Swapping A Programmable Network Adapter By Using A programmable Processor To Selectively Disabling and Enabling Power Thereto Upon Receiving Respective Control Signals
-		97.02692.03	Wallach, Khalli, Mahalingam, Reed	6,173,346		System Including A Dynamically Loaded Adapter Driver
-	207	97.02696.00	Mahalingam	6,148,355		Configuration Management Method For Hot Adding and Hot Replacement Devices
_	208	97.02697.00	Liu, Nguyen, Johnson	6,182,180	1/30/01	Apparatus For Interfacing Buses

209	97.02697.01	Liu, Nguyen, Johnson	5,987,554		Method For Interfacing Buses
210	97 02701.00	Chari, Bright, Sartirana	6,105,089	•	Data Management System For Adding Or Exchanging Components On A Running Computer
211	97.02701.01	Chari, Bright, Sartirana	6,058,445	5/2/00	Data Management Method Supporting Hot Plug Operations Of A Computer
212	97.02703.00.	Nouri, Johnson	6,145,098		System of Displaying System Status
213	97.02703.01	Noun, Johnson	6,088,816	7/11/00	Method of Displaying System Status
214	97 02706.00	Papa	6,175,490		Fault Tolerant Computer System
215	97 02708.00	Findlay, Chrbaszez	6.163.853		Method For Communicating A Software Generated Pulse Waveform Between Two Servers in A Network
216	97.02710.00	Chrabaszez	6,134,673	•	Method For Clustering Software Applications
217	97.02712.00	Chrabaszez, De Silva	6,154,835		Method For Automatically Configuring And Formatting A Computer System and Installing Software
218	97.02712.01	Chrabaszez, De Silva	6,138,179		System For Automatically Partitioning and Formatting A Primary Hard Disk Installing Software in Which Selection of Extended PartitionSize is Not Related to Size of Hard Disk
219	97 02721.00	Liu, Nguyen, Johnson	6,035,420		Method Of Performing An Extensive Diagnostic Test In Conjunction With A Bios Test Routine
220	97.02721.01	Liu, Nguyen, Johnson	6,009,541		Apparatus For Performing An Extensive Diagnostic Test In Conjunction With A Bios Test Routine
221	97.02753.00	Robinson	6,119,541		Method For Adjusting A Lead ScrewNut and A Nut For Adjustably Engaging A Lead Screw
222	97.02828.00	Dean Klein	6,184,518		Rotary Encoder with Multiple Calibration Points
223	97.02828.01	Dean Klein	6,145,368		Method For Calibrating Rotary Encoder With Multiple Calibration Points
	97.02913.00	Dean Klein	5,936,526		Apparatus For Generating An Alarm In A Portable Computer System
	97.02913.01	Dean Klein	6,011,473		Method For Generating An Alarm In A Portable Computer System
226	97.02914.00	Dean Klein; Mike	5,953,217	9/14/99	Apparatus For Grounding A Printed Circuit Board
227	97.02914.01	Dean Klein; Mike Leman	5,951,307		Method For Grounding A Printed Circuit Board
228	97.03232.00	Brunelle	6,058,055		Multiple Pass Test System
229	97.03232.01	Brunelle	5,991,215		Method For Testing A memory Chip In Multiple Passes
230	97.03233.00	Bruneile	6,089,637	7/18/00	Device For Carrying A Stack of Trays
231	97.03234.00	Brunelle	6,122,600	9/19/00	Method For Device Qualification
232	97.03234.01	Brunelle	6,125,336	9/26/00	Apparatus For Device Qualification
233	97.03258.00	Мигрһу	6,114,958		System and Method For Indicating When A Stylus of A Computer is Missing
234	97.03261.00	Elledge	6,044,399		Inferring the Identity of A preferred Server From Configuration Information
235	97.03264.00	Elledge	6,192,478		Securing Restricted Operations Of A Computer Program Using A Visual Key Feature
236	97.03269.00	Dean Klein; Hoyt Fleming	6,138,194		Apparatus For Removing Power and Signals Form An Inadvertently Swapped Bus Card
<u> </u>	97.03269.01	Dean Klein; Hoyt Fleming	6,185,645		Method For Removing Power From An Inadvertently Swapped PCI Card
	97.03270.00	Fleming	6,067,279		Apparatus For Skipping And/or Playing Tracks on A CD or a DVD
L	97.03270.01	Fleming	6,011,760		Method For Skipping and/or Playing Tracks on A CD or A DVD
240	97.03270.02	Fleming	6,157,597		Apparatus For Skipping And/or Playing Tracks or A DVD
241	97.03270.03	Fleming	6,175,537	1/16/01	Method For Skipping and/or Playing Tracks on A CD or A DVC

242	97.03312.00	Murphy, Fleming	6,099,051		Closure System For Devices Having A Stylus
243	97.03312.01	Fleming, Murphy	6,161,882		Closure Method For Devices Having A Stylus
244	97.03312.02	Murphy	6,024,390	2/15/00	Closure System For Devices Having A Stylus
245	97.03703.00	Zarek	6,147,673	11/14/00	Computer Input Device and Keyboard
246	97.03708.00	Chrabaszcz	6,101,529	8/8/00	Apparatus For Updating Wallpaper For Computer Display
247	97.03708.01	Chrabaszcz	6,202,083	3/13/01	Method For Updating Wallpaper For Computer Display
	97.03709.00	Chrabaszcz	6,073,133	6/6/00	Electronic Mail Attachment Venifier
249	97.03721.00	Dean Klein	6,158,015		Apparatus For Swapping, Adding or Removing A Processor In An Operating Computer System
250	97.03721.01	Dean Klein	6,108,732	8/22/00	Method For Swapping, Adding or Removing A Processor In An Operating Computer System
251	97.04094.00	Craig Boe	6,045,386	4/4/00	Circuit Board Retaining Device
252	97.04181.00	Craig Boe	6,158,594	12/12/00	Printed Circuit Board Mounting Bracket
253	98.00875.00	Mike Leman	6,201,688	3/13/01	Apparatus For Securing A Laptop Computer
254	98.01168.00	Greg Johnson	6,040,980	3/21/00	Disk Drive To Chassis Mounting Apparatus and Method
255	98.01406.00	Murphy	6,068,307	5/30/00	Closure System For Devices Having A Stylus
	98.01428.00	Ochoa, Smith	6,054,682	4/25/00	Method and System For Reducing Water Vapor In Integrated Circuit Packages Prior to Reflow
257	98.01688.01	Dean Klein	6,182,232	1/30/01	Power Management Method
258	98.02816.00	Murphy	6,095,845	B/1/Q0	Tangle Resistant Cable Connector
259	98.028.60.00	Dean Klein, Mike	6,186,800	2/13/01	Circuit Board Grounding and Support Structure Apparatus and Method
260	99.00631.00	Leman:	6,046,912	4/4/00	A Computer System Having Riser Board Expansion Capability
<u> </u>	99.00637.00	Leman	6,161,944	12/19/00	Retractable Keyboard Illumination Device
	99.00649.00	Leman	6,198,625	3/6/01	Hinge Assembly for A Portable Computer
	1	T			

PATENT APPLICATIONS

		Serial Numbers	Filing Date:
	Number		
1	9:1.00549.02	09/103,451	5/23/00
2	95.00410.00	08/565,090	11/30/95
3	95.00410.01	08/914,625	8/19/99
4 .	95,00552.01	08/933,633	9/19/97
5	95.00684.02	09/440,820	1/24/96
6	95.01014.02	09/684,701	10/6/00
7	96,00030.04	09/549,128	4/13/00
8	96,00030.05	09/549,132	4/13/00
9	96.00030.06	09/659,471	9/11/00
10	96,00138.01	08/960,716	10/30/97
11	96.00585.01	08/879,431	1/24/00
12	96,00614.00	08/835,732	9/22/99
13	96.00615.00	08/840,083	4/9/97

14	96.00615.01	08/872,010	6/9/97
15	96.00618.02	09/251,154	6/23/97
16	96.00642.00	08/903,819	7/31/97
17	96.00649.02	09/466,455	1/8/01
18	96.00651.01	09/006,083	1/13/98
19	96.00651.02	09/516,060	3/1/00
20	96.00653.02	09/409,124	9/30/99
21	97.00001.00	08/928,888	3/31/00
22.	97.00009.01	08/964,581	11/5/97
23	97.00009.02	09/419.278	3/28/00
24	97.00009.03	09/536,813	3/28/00
25	97.00010.01	08/877,716	8/26/99
26 .	97.00015.01	08/959,231	9/3/99
27	97.00031.00	09/035,629	1/24/01
28	97.00031.01	09/035,739	8/3/00

29	97.00032.01	08/923,359	9/8/97
30	97.00039.00	09/036,504	3/6/98
31	97.00066.00	08/994,788	12/19/97
32	97.00176.01	09/031,133	2/26/98
33	97.00279.00	09/067,347	4/28/98
34	97.00279.01	09/067,467	4/28/98
35	97.00280.00	09/037,361	8/15/00
36	97.00280.01	09/037,360	3/9/98
37	97.00284.01	09/561,065	4/28/00
38	97.00974.00	08/966,761	5/16/00
39	97.00999.00	08/909,811	B/12/97
40	97.00999.01	09/634,691	· 8/8/00
41	97.01144.00	09/083,959	5/22/98
42	97.01210.00	08/963,379	11/3/97
43	97.01328.00	08/964,943	11/4/97
44	97.01336.00	09/008,749	10/4/00
45	97.01389.00	08/925,703	12/20/99
46	97.01523.00	08/971,372	7/5/00
47	97.01630.00	09/015,845	10/20/00
48	97.01630.01	09/015,376	1/29/98
49	97.01630.02	09/782,476	2/13/01
50	97.01631.00	09/277,482	3/26/99
51	97.01631.01	09/277,335	3/26/99
52	97.01633.00	08/985,155	12/4/97
53	97,01659.01	08/988,946	4/54/00
54	97.01670.00	08/994.836	3/22/00
55	97.01696.00	08/951,903	10/16/97
56	97.01813.00	09/098,937	6/17/98
57	97.01813.01	09/098,935	1/12/01
58	97.01816.00	08/980,590	10/4/00
59	97.01817.00	08/950,938	11/20/00
60	97.01837.00	08/964,522	. 11/4/97
61	97.01906.00	08/978,502	11/25/97
62	97.02018.00	08/941,995	10/1/97
63	97.02023.00	08/942,815	6/13/00
64	97.02028.00 -	08/941,970	10/1/97
65	97.02028.01	08/942,282	10/1/97
66	97.02153.01	08/994,498	12/19/97
67	97.02173.00	09/066,503	4/23/98
68	97:02173.01	09/066,502	4/23/98
69	97.02185.00	09/089,058	6/2/98
70	97.02260.00	08/987,005	10/12/00
71	97.02301.01	08/993,371	12/18/97

72	97.02318.00	09/023,389	2/13/98
73	97.02325.00	09/044,687	3/18/98
74	97.02377.00	09/069,728	4/29/98
75	97,02377.01	09/069,727	4/29/98
76	97.02552.00	08/940,301	11/18/99
77	97.02552.01	08/941,267	10/1/97
78	97.02553.01	08/942,405	4/5/00
79	97.02555.00	08/943,355	10/1/97
80	97 02557.02	09/552.032	4/19/00
81	97.02559.00	08/942,381	10/1/97
82	97.02559.01	08/942,164	10/1/97
83	97.02561.00	08/942,168	10/1/97
84	97.02563.00	08/942,404	10/1/97
85	97.02565.00	09/048,909	6/26/00
86	97.02565.01	09/048,818	1/17/01
87	97.02597.00	08/969.821	4/10/00
88 -	97.02602.00	09/578,951	5/25/00
89	97.02603.00	09/099,762	6/18/98
90	97.02685.00	08/942,160	10/1/97
91	97.02685.02	- 09/686,527	10/10/00
92	97.02685.03	09/686,254	10/10/00
93	97.02687.00	03/942,402	7/26/00
94	97.02687.01	08/942,448	10/1/97
95	97.02690.00	08/942,309	10/1/97
ាក	97.02690-01	7,570,12,457	16/1/67
97	97.02691.00	08/942,306	10/1/97
98	97.02691.03	08/942,336	4/3/00
99	97.02692.00	08/942,311	10/1/97
100	97.02692.01	08/942,069	10/1/97
101	97.02696.01	08/942,408	9/3/99
102	97.02697.02	09/258,095	10/1/97
103	97.02702.00	08/942,005	10/1/97
104	97.02702.01	08/943,356	2/15/00
105	97,02703.02	09/251,954	11/7/00
106	97.02706.01	08/943,044	10/1/97
107	97.02708.01	08/942,409	10/1/97
108	97.02708.02	09/658,333	9/8/00
109	97.02710.01	08/942,411	10/1/97
110	97.02711.00	08/942,319	10/1/97
111	97.02711.01	08/942,331	10/1/97
112	97.02714.00	08/942,462	4/21/00
113	97.02750.00	09/122,518	7/24/98
114	97.02750.PCT	PCT/US99/01643	1/26/99
<u></u>	01.02.00.01		

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115	97.02750.TW	TW 88109910	6/14/99
116	97.02922.00	09/156,369	9/17/98
117	97.02922.01	09/156,370	9/17/98
118	97.02947.00	09/098,779	6/17/98
119	97.03233.01	09/565,182	5/3/00
120	97.03238.00	09/095,852	6/10/98
121	97.03238.01	09/095,433	6/10/98
122	97.03246.00	09/129,981	8/5/98
123	97.03246.01	09/130,199	8/5/98
124	97.03248.00	09/186,499	11/4/98
125	97.03265.00	09/052,808	3/31/98
126	97.03267.00	09/049,687	3/27/98
127	97.03270.04	09/657,354	9/7/00
128	97.03301.00	09/217,040	12/21/98
129	97.03302.00	09/219,501	12/21/98
130	97.03303.00	09/217,032	12/21/98
131	97.03304.00	09/217,029	12/21/98
132	97.03305.00	09/217,039	12/21/98
133	97.03322.00	. 09/105,760	6/26/98
134	97.03322.01	09/105,635	6/26/98
135	97.03323.00	09/104,938	6/25/98
136	97.03323.01	09/104,941	6/25/98
137	97.03329.00	09/185,880	11/4/98
138	97.03572.00	09/316,077	5/20/99
139.	97.03572.01	09/316,075	
140	197.03637.00	09/245,096	2/1/99
141	97.03637.01	09/241,324	2/1/99
142	97,03703.01	09/044,375	3/18/98
143	97.03704.00	09/044,689	9/28/00
144	97.03704.01	09/044,385	3/18/98
145	97.03721.02	09/626,279	7/25/00
146	97.03844.00	09/153,994	9/17/98
147	97.03993.00	09/351,973	7/12/99
148	97.03994.00	09/231,158	1/15/99
149	97.03995.00	09/351,934	7/12/99
150	97.03995.01	09/351,928	7/12/99
130	97.04006.00	09/119,165	7/20/98
	97.04006.01	09/119;331	7/20/98
152 153	97.04006.01	09/630,110	7/20/98
	97.04008.02	09/132,349	8/12/98
154	97.04078.00	08/966,760	5/16/00
155			7/16/98
156	99.00303.00	03/110,710	
157	93.00303.01	09/118,219	7/16/98

159 98.00753.00 09/324,708 6/3 160 98.00975.01 09/167,635 10/6 161 98.00932.00 09/164,170 9/30 162 98.01170.00 09/207,090 12/7 163 98.01316.00 09/164,228 9/30 164 98.01571.00 09/217,781 12/21 165 98.01629.00 09/209,150 12/10 166 96.01679.00 09/178,924 10/26 167 98.01687.00 09/200,320 11/25 168 98.01688.00 09/240,548 1/29 169 98.01809.00 09/258,061 2/26 170 98.01809.01 09/259,621 2/26 171 98.02148.00 09/201,097 11/30 172 98.02148.00 09/201,911 11/30 173 98.02150.00 09/247,615 2/10 175 98.02155.00 09/201,536 10/22 176 98.02195.01 09/201,330 11/30					,	
160 98.00975.01 09/167,635 10/6 161 98.00932.00 09/164,170 9/30 162 98.01170.00 09/207,090 12/7 163 98.01316.00 09/164,228 9/30 164 98.01571.00 09/217,781 12/21 165 98.01629.00 09/209,150 12/10 166 98.01687.00 09/200,320 11/25 167 98.01687.00 09/240,548 1/29 168 98.01688.00 09/240,548 1/29 169 98.01809.01 09/258,061 2/26 170 98.01809.01 09/259,621 2/26 171 98.02148.00 09/201,097 11/30 172 98.02148.01 09/201,971 11/30 173 98.02150.00 09/201,971 11/30 175 98.02155.00 09/201,536 10/22 176 98.02155.01 09/201,330 11/30 177 98.02195.01 09/201,330 11/30	003	98	8	98.00306.00	09/103,979	6/24/98
161 98.00932.00 09/164,170 9/30 162 98.01170.00 09/207,090 12/7 163 98.01316.00 09/164,228 9/30 164 98.01571.00 09/217,781 12/21 165 98.01629.00 09/209,150 12/10 166 98.01687.00 09/200,320 11/25 167 98.01687.00 09/240,548 1/29 168 98.01688.00 09/258,061 2/26 170 98.01809.00 09/258,061 2/26 171 98.02148.00 09/201,097 11/30 172 98.02148.01 09/201,911 11/30 173 98.02150.00 09/266,325 3/11 174 98.02155.00 09/201,536 10/22 175 98.02155.00 09/201,536 10/22 176 98.02155.01 09/201,330 11/30 177 98.02195.01 09/201,330 11/30 179 98.02295.00 09/231,613 1/25	00	98	9	98.00753.00	09/324,708	6/3/99
162 98.01170.00 09/207,090 12/7 163 98.01316.00 09/164,228 9/30 164 98.01571.00 09/217,781 12/21 165 98.01629.00 09/209,150 12/10 166 98.01687.00 09/200,320 11/25 167 98.01688.00 09/240,548 1/29 168 98.01809.00 09/258,061 2/26 170 98.01809.01 09/258,061 2/26 170 98.01809.01 09/259,621 2/26 171 98.02148.00 09/201,097 11/30 172 98.02148.01 09/201,997 11/30 173 98.02150.00 09/266,325 3/11 174 98.02150.00 09/247,615 2/10 175 98.02155.01 09/201,536 10/22 176 98.02195.01 09/201,330 11/30 177 98.02195.01 09/203,109 11/30 178 98.02195.01 09/203,109 11/30	300	91	0	98.00875.01	09/167,635	10/6/98
163 98.01316.00 09/164,228 9/30. 164 98.01571.00 09/217,781 12/21. 165 98.01629.00 09/209,150 12/10. 166 98.01687.00 09/200,320 11/25. 167 98.01688.00 09/240,548 1/29. 168 98.01688.00 09/240,548 1/29. 169 98.01809.01 09/258,061 2/26. 170 98.01809.01 09/259,621 2/26. 171 98.02148.00 09/201,097 11/30. 172 98.02148.01 09/201,911 11/30. 173 98.02150.00 09/266,325 3/11. 174 98.02150.00 09/201,536 10/22. 175 98.02155.00 09/201,536 10/22. 176 98.02195.01 09/203,109 11/30. 177 98.02195.01 09/203,109 11/30. 179 98.02339.00 09/231,613 1/25. 180 98.02339.00 09/231,613 1/25. <	200	9	1	98.00932.00	09/164,170	9/30/98
164 98.01571.00 09/217,781 12/21. 165 98.01629.00 09/209,150 12/10. 166 98.01679.00 09/209,150 12/10. 167 98.01687.00 09/200,320 11/25. 168 98.01688.00 09/240,548 1/29. 169 98.01809.00 09/258,061 2/26. 170 98.01809.01 09/259,621 2/26. 171 98.02148.00 09/201,097 11/30. 172 98.02148.01 09/201,911 11/30. 173 98.02150.00 09/266,325 3/11. 174 98.02150.00 09/247,615 2/10. 175 98.02155.00 09/201,536 10/22. 176 98.02195.01 09/201,330 11/30. 177 98.02195.01 09/203,109 11/30. 179 98.02295.01 09/349,735 7/8. 180 98.02339.00 09/231,613 1/25. 181 98.02467.00 09/397,498 5/7. <td>)1</td> <td>91</td> <td>2</td> <td>98.01170.00</td> <td>09/207,090</td> <td>12/7/98</td>)1	91	2	98.01170.00	09/207,090	12/7/98
165 98.01629.00 09/209,150 12/10. 166 98.01679.00 09/178,924 10/26 167 98.01687.00 09/200,320 11/25 168 98.01688.00 09/240,548 1/29 169 98.01809.01 09/258,061 2/26 170 98.01809.01 09/259,621 2/26 171 98.02148.00 09/201,097 11/30 172 98.02148.01 09/201,911 11/30 173 98.02150.00 09/266,325 3/11 174 98.02155.00 09/201,536 10/22 175 98.02155.01 09/201,407 11/30 176 98.02195.01 09/201,330 11/30 177 98.02195.01 09/203,109 11/30 179 98.02295.01 09/349,735 7/8 180 98.02339.00 09/231,613 1/25 181 98.02494.00 09/39,7498 5/7 183 98.02495.00 09/39,3316 9/16)10	98	3	98.01316.00	09/164,228	9/30/98
166 98.01679.00 09/178,924 10/26 167 98.01687.00 09/200,320 11/25 168 98.01688.00 09/240,548 1/29 169 98.01809.01 09/258,061 2/26 170 98.01809.01 09/259,621 2/26 171 98.02148.00 09/201,097 11/30 172 98.02148.01 09/201,911 11/30 173 98.02150.00 09/266,325 3/11 174 98.02150.00 09/247,615 2/10 175 98.02155.00 09/201,536 10/22 176 98.02195.01 09/203,109 11/30 177 98.02195.01 09/203,109 11/30 178 98.02195.01 09/203,109 11/30 179 98.02295.01 09/349,735 7/8 180 98.02339.00 09/349,735 7/8 181 98.02467.00 09/199,768 11/25 182 98.02495.00 09/176,261 10/20	115	98	4	98.01571.00	09/217,781	12/21/98
167 98.01687.00 09/200,320 11/25 168 98.01688.00 09/240,548 1/29 169 98.01809.00 09/258,061 2/26 170 98.01809.01 09/259,621 2/26 171 98.02148.00 09/201,097 11/30 172 98.02148.01 09/201,911 11/30 173 98.02150.00 09/266,325 3/11 174 98.02150.00 09/247,615 2/10 175 98.02155.00 09/201,536 10/22 176 98.02155.01 09/201,330 11/30 177 98.02195.01 09/203,109 11/30 178 98.02195.01 09/203,109 11/30 179 98.02277.00 09/349,735 7/8 180 98.02339.00 09/231,613 1/25 181 98.02495.00 09/199,768 11/25 183 98.02495.00 09/176,261 10/20 184 98.02699.00 09/398,316 9/16)16	9	5	98.01629.00	09/209,150	12/10/98
168 98.01688.00 09/240,548 1/29 169 98.01809.00 09/258,061 2/26 170 98.01809.01 09/259,621 2/26 171 98.02148.00 09/201,097 11/30 172 98.02148.01 09/201,911 11/30 173 98.02150.00 09/266,325 3/11 174 98.02155.00 09/247,615 2/10 175 98.02155.00 09/201,536 10/22 176 98.02195.01 09/201,407 11/30 177 98.02195.01 09/203,109 11/30 178 98.02195.01 09/203,109 11/30 179 98.02339.00 09/231,613 1/25 180 98.02339.00 09/231,613 1/25 181 98.02494.00 09/199,768 11/25 182 98.02495.00 09/176,261 10/20 184 98.02697.00 09/398,316 9/16 185 98.02699.00 09/398,316 9/16)16	9	6	98.01679.00	09/178,924	10/26/98
169 98.01809.00 09/258,061 2/26 170 98.01809.01 09/259,621 2/26 171 98.02148.00 09/201,097 11/30 172 98.02148.01 09/201,911 11/30 173 98.02150.00 09/266,325 3/11 174 98.02154.00 09/247,615 2/10 175 98.02155.00 09/201,536 10/22 176 98.02155.01 09/201,407 11/30 177 98.02195.01 09/203,109 11/30 178 98.02195.01 09/203,109 11/30 179 98.02277.00 09/349,735 7/8 180 98.02339.00 09/231,613 1/25 181 98.02494.00 09/293,173 11/30 182 98.02495.00 09/176,261 10/20 183 98.02697.00 09/307,498 5/7 185 98.02699.00 09/398,316 9/16 186 98.02942.00 09/217,065 12/21)16	9	7	98.01687.00	09/200,320	11/25/98
170 98.01809.01 09/259,621 2/26 171 98.02148.00 09/201,097 11/30 172 98.02148.01 09/201,911 11/30 173 98.02150.00 09/266,325 3/11 174 98.02154.00 09/247,615 2/10 175 98.02155.00 09/201,536 10/22 176 98.02155.01 09/201,407 11/30 177 98.02195.01 09/201,330 11/30 178 98.02195.01 09/203,109 11/30 179 98.02277.00 09/349,735 7/8 180 98.02339.00 09/231,613 1/25 181 98.02467.00 09/199,768 11/25 182 98.02494.00 09/176,261 10/20 184 98.02697.00 09/307,498 5/7 185 98.02699.00 09/39,316 9/16 186 98.02942.00 09/217,254 12/21 189 98.03090.00 09/217,255 12/21 190 98.03104.00 09/353,168 7/14 192)16	9	8	98.01688.00	09/240,548	1/29/99
171 98.02148.00 09/201,097 11/30 172 98.02148.01 09/201,911 11/30 173 98.02150.00 09/266,325 3/11 174 98.02154.00 09/247,615 2/10 175 98.02155.00 09/201,536 10/22 176 98.02155.01 09/201,407 11/30 177 98.02195.00 09/201,330 11/30 178 98.02195.01 09/203,109 11/30 179 98.02277.00 09/349,735 7/8 180 98.02339.00 09/231,613 1/25 181 98.02467.00 09/199,768 11/25 182 93.02494.00 09/176,261 10/20 183 98.02495.00 09/307,498 5/7 184 98.02699.00 09/398,316 9/16 185 98.02699.00 09/398,316 9/16 186 98.02942.00 09/231,307 1/13 187 98.03090.00 09/217,254 12/21 189 98.03104.00 09/353,166 7/14 190	110	9	9	98.01809.00	09/258,061	2/26/99
172 98.02148.01 09/201,911 11/30 173 98.02150.00 09/266,325 3/11 174 98.02154.00 09/247,615 2/10 175 98.02155.00 09/201,536 10/22 176 98.02155.01 09/201,407 11/30 177 98.02195.00 09/201,330 11/30 178 98.02195.01 09/203,109 11/30 179 98.02277.00 09/349,735 7/8 180 98.02339.00 09/231,613 1/25 181 98.02467.00 09/199,768 11/25 182 99.02494.00 09/176,261 10/20 184 98.02697.00 09/307,498 5/7 185 98.02699.00 09/398,316 9/16 186 98.02942.00 09/231,307 1/13 187 98.03090.00 09/217,254 12/21 189 98.03092.00 09/217,255 12/21 190 98.03104.00 09/353,168 7/14 191 98.03186.00 09/375,157 8/16 194)18	9	ō	98.01809.01	09/259,621	2/26/99
173 98.02150.00 09/266,325 3/11 174 98.02154.00 09/247,615 2/10 175 98.02155.00 09/201,536 10/22 176 98.02155.01 09/201,407 11/30 177 98.02195.00 09/201,330 11/30 178 98.02195.01 09/203,109 11/30 179 98.02277.00 09/349,735 7/8 180 98.02339.00 09/231,613 1/25 181 98.02467.00 09/199,768 11/25 182 98.02494.00 09/176,261 10/20 184 98.02697.00 09/377,498 5/7 185 98.02699.00 09/398,316 9/16 186 98.02942.00 09/231,307 1/13 187 98.03090.00 09/217,254 12/21 189 98.03092.00 09/217,255 12/21 190 98.03104.00 09/353,168 7/14 191 98.03186.00 09/375,157 8/16 194 98.03189.00 09/368,480 8/4)2	9	1	98.02148.00	09/201,097	11/30/98
174 98.02154.00 09/247,615 2/10 175 98.02155.00 09/201,536 10/22 176 98.02155.01 09/201,407 11/30 177 98.02195.00 09/201,330 11/30 178 98.02195.01 09/203,109 11/30 179 98.02277.00 09/349,735 7/8 180 98.02339.00 09/231,613 1/25 181 98.02467.00 09/199,768 11/25 162 93.02494.00 09/199,768 11/25 183 98.02495.00 09/176,261 10/20 184 98.02697.00 09/307,498 5/7 185 98.02699.00 09/398,316 9/16 186 98.02942.00 09/231,307 1/13 187 98.03090.00 09/217,065 12/21 189 98.03090.00 09/217,254 12/21 190 98.03104.00 09/353,166 7/14 191 98.03186.00 09/375,157 8/16 194 98.03189.00 09/368,480 8/4)Ž	9	2	98.02148.01	09/201,911	11/30/98
175 98.02155.00 09/201,536 10/22 176 98.02155.01 09/201,407 11/30 177 98.02195.00 09/201,330 11/30 178 98.02195.01 09/203,109 11/30 179 98.02277.00 09/349,735 7/8 180 98.02339.00 09/231,613 1/25 181 98.02467.00 09/199,768 11/25 182 98.02494.00 09/199,768 11/26 183 98.02495.00 09/176,261 10/20 184 98.02697.00 09/307,498 5/7 185 98.02699.00 09/398,316 9/16 186 98.02942.00 09/231,307 1/13 187 98.03090.00 09/217,065 12/21 189 98.03092.00 09/217,254 12/21 190 98.03104.00 09/353,168 7/14 191 98.03186.00 09/375,157 8/16 194 98.03189.00 09/368,480 8/4	32	9	3	98.02150.00	09/266,325	3/11/99
176 98.02155.01 09/201,407 11/30 177 98.02195.00 09/201,330 11/30 178 98.02195.01 09/203,109 11/30 179 98.02277.00 09/349,735 7/8 180 98.02339.00 09/231,613 1/25 181 98.02467.00 09/199,768 11/25 182 98.02494.00 09/176,261 10/20 184 98.02495.00 09/307,498 5/7 185 98.02697.00 09/398,316 9/16 186 98.02942.00 09/231,307 1/13 187 98.03090.00 09/217,065 12/21 189 98.03092.00 09/217,254 12/21 190 98.03104.00 09/353,168 7/14 191 98.03186.00 09/375,157 8/16 194 98.03189.00 09/368,480 8/4)2	9.	4	98.02154.00	09/247,615	2/10/99
177 98.02195.00 09/201,330 11/30 178 98.02195.01 09/203,109 11/30 179 98.02277.00 09/349,735 7/8 180 98.02339.00 09/231,613 1/25 181 98.02467.00 09/199,768 11/25 182 93.02494.00 09/199,768 11/25 183 98.02495.00 09/176,261 10/20 184 98.02697.00 09/307,498 5/7 185 98.02699.00 09/398,316 9/16 186 98.02699.00 09/231,307 1/13 187 98.03090.00 09/217,065 12/21 188 98.03091.00 09/217,254 12/21 189 98.03104.00 09/353,168 7/14 191 98.03125.00 09/353,168 7/14 192 98.03186.00 09/375,157 8/16 194 98.03189.00 09/368,480 8/4)2	9	5	98-02155.00	09/201,536	10/22/98
178 98.02195.01 09/203,109 11/30 179 98.02277.00 09/349,735 7/8 180 98.02339.00 09/231,613 1/25 181 98.02467.00 09/199,768 11/25 182 98.02494.00 09/231,23 11/20 183 98.02495.00 09/176,261 10/20 184 98.02697.00 09/307,498 5/7 185 98.02699.00 09/398,316 9/16 186 98.02942.00 09/231,307 1/13 187 98.03090.00 09/217,065 12/21 189 98.03092.00 09/217,254 12/21 190 98.03104.00 09/353,168 7/14 191 98.03186.00 09/375,157 8/16 194 98.03189.00 09/368,480 8/4	02	9	6	98.02155.01	09/201,407	11/30/98
179 98.02277.00 09/349,735 7/8 180 98.02339.00 09/231,613 1/25 181 98.02467.00 09/199,768 11/25 182 98.02494.00 09/231,33 11/30 183 98.02495.00 09/176,261 10/20 184 98.02697.00 09/307,498 5/7 185 98.02699.00 09/398,316 9/16 186 98.02942.00 09/231,307 1/13 187 98.03090.00 09/217,065 12/21 189 98.03092.00 09/217,254 12/21 190 98.03104.00 09/353,168 7/14 191 98.03125.00 09/339,398 2/2 192 98.03186.00 09/511,092 2/23 193 98.03189.00 09/368,480 8/4	02	9	7	98.02195.00	09/201,330	11/30/98
180 98.02339.00 09/231,613 1/25 181 98.02467.00 09/199,768 11/25 182 98.02494.00 09/293,123 11/30 183 98.02495.00 09/176,261 10/20 184 98.02697.00 09/307,498 5,77 185 98.02699.00 09/398,316 9/16 186 98.02942.00 09/231,307 1/13 187 98.03090.00 09/217,065 12/21 188 98.03091.00 09/217,254 12/21 189 98.03104.00 09/353,168 7/14 191 98.03125.00 09/353,168 7/14 192 98.03186.00 09/375,157 8/16 194 98.03189.00 09/368,480 8/4	02	9	8	98.02195.01	09/203,109	11/30/98
181 98.02467.00 09/199,768 11/25 182 98.02494.00 09/203.173 11/20 183 98.02495.00 09/176,261 10/20 184 98.02697.00 09/307,498 5/7 185 98.02699.00 09/398,316 9/16 186 98.02942.00 09/231,307 1/13 187 98.03090.00 09/217,065 12/21 188 98.03091.00 09/217,254 12/21 189 98.03092.00 09/217,255 12/21 190 98.03104.00 09/353,168 7/14 191 98.03125.00 09/339,398 2/2 192 98.03186.00 09/511,092 2/23 193 98.03189.00 09/375,157 8/16 194 98.03189.00 09/368,480 8/4	02	9	9	98.02277.00	09/349,735	7/8/99
182 98.02494.00	02	9	0	98.02339.00	09/231,613	1/25/01
183 98.02495.00 09/176,261 10/20 184 98.02697.00 09/307,498 5/7 185 98.02699.00 09/398,316 9/16 186 98.02942.00 09/231,307 1/13 187 98.03090.00 09/217,065 12/21 188 98.03091.00 09/217,254 12/21 189 98.03092.00 09/217,255 12/21 190 98.03104.00 09/353,168 7/14 191 98.03125.00 09/339,398 2/2 192 98.03186.00 09/511,092 2/23 193 98.03188.00 09/375,157 8/16 194 98.03189.00 09/368,480 8/4	02	9	11	98.02467.00	09/199,768	11/25/98
183 98.02495.00 09/176,261 10/20 184 98.02697.00 09/307,498 5/7 185 98.02699.00 09/398,316 9/16 186 98.02942.00 09/231,307 1/13 187 98.03090.00 09/217,065 12/21 188 98.03091.00 09/217,254 12/21 189 98.03092.00 09/217,255 12/21 190 98.03104.00 09/353,168 7/14 191 98.03125.00 09/339,398 2/2 192 98.03186.00 09/511,092 2/23 193 98.03188.00 09/375,157 8/16 194 98.03189.00 09/368,480 8/4	72,	ļ ₀	2	98.02494.00	09/200.173	91/30/18 11/30/88
185 98.02699.00 09/398,316 9/16 186 98.02942.00 09/231,307 1/13 187 98.03090.00 09/217,065 12/21 188 98.03091.00 09/217,254 12/21 189 98.03092.00 09/217,255 12/21 190 98.03104.00 09/353,168 7/14 191 98.03125.00 09/339,398 2/2 192 98.03186.00 09/511,092 2/23 193 98.03188.00 09/375,157 8/16 194 98.03189.00 09/368,480 8/4	02	9	3	98.02495.00		10/20/98
186 98.02942.00 09/231,307 1/13 187 98.03090.00 09/217,065 12/21 188 98.03091.00 09/217,254 12/21 189 98.03092.00 09/217,255 12/21 190 98.03104.00 09/353,168 7/14 191 98.03125.00 09/339,398 2/2 192 98.03186.00 09/511,092 2/23 193 98.03189.00 09/375,157 8/16 194 98.03189.00 09/368,480 8/4	02	9	14	98.02697.00	09/307,498	5/7/99
187 98.03090.00 09/217,065 12/21 188 98.03091.00 09/217,254 12/21 189 98.03092.00 09/217,255 12/21 190 98.03104.00 09/353,168 7/14 191 98.03125.00 09/339,398 2/2 192 98.03186.00 09/511,092 2/23 193 98.03188.00 09/375,157 8/16 194 98.03189.00 09/368,480 8/4	02	9	5	98.02699.00	09/398,316	9/16/99
188 98.03091.00 09/217,254 12/21 189 98.03092.00 09/217,255 12/21 190 98.03104.00 09/353,168 7/14 191 98.03125.00 09/339,398 2/2 192 98.03186.00 09/511,092 2/23 193 98.03189.00 09/375,157 8/16 194 98.03189.00 09/368,480 8/4	02	9	6	98.02942.00	09/231,307	1/13/99
189 98.03092.00 09/217,255 12/21 190 98.03104.00 09/353,168 7/14 191 98.03125.00 09/339,398 2/2 192 98.03186.00 09/511,092 2/23 193 98.03188.00 09/375,157 8/16 194 98.03189.00 09/368,480 8/4	03	13	17	98.03090.00	09/217,065	12/21/98
190 98.03104.00 09/353,168 7/14 191 98.03125.00 09/339,398 2/2 192 98.03186.00 09/511,092 2/23 193 98.03188.00 09/375,157 8/16 194 98.03189.00 09/368,480 8/4	03	9	8	98.03091.00	09/217,254	12/21/98
191 98.03125.00 09/339,398 2/2 192 98.03186.00 09/511,092 2/23 193 98.03188.00 09/375,157 8/16 194 98.03189.00 09/368,480 8/4	03	9	19	98.03092.00	09/217,255	12/21/98
192 98.03186.00 09/511,092 2/23 193 98.03188.00 09/375,157 8/16 194 98.03189.00 09/368,480 8/4	03	9	10	98.03104.00	09/353,168	7/14/99
193 98.03188.00 09/375,157 8/16 194 98.03189.00 09/368,480 8/4	03	9	1	98.03125.00	09/339,398	2/2/01
193 98.03188.00 09/375,157 8/16 194 98.03189.00 09/368,480 8/4	03	9] 2	98.03186.00	09/511,092	2/23/00
134 03.56130.00	03	9		98.03188.00	09/375,157	. 8/16/99
105 09 02104 00 09/290 888 4/12	03	19	34	\$8.03189.00	09/368,480	8/4/99
195 98.03194.00 09/290,888 4/12	.03	19	₹5	98.03194.00	09/290,888	4/12/99
·	03	15		98.03273.00	09/411,532	10/1/99
197 98.03279.00 09/478,619 1/5	03	ļ	9 7	98.03279.00	09/478,619	1/5/00
198 98.03281.00 09/290.723 4/14	.03	1	98	98.03281.00	09/290.723	4/14/99
		4	99		09/302,906	4/30/99
	.03	+5		98.03334.00	09/272,923	3/19/99

		•	
201	98.03352.00	09/280,388	3/29/99
- 1	98.03369.00	09/241,426	2/2/99
	98.03405.00	09/272,845	3/19/99
204	98.03421.00	09/406,956	9/28/99
205	98.03469.00	09/448,882	11/24/99
206	98.03523.00	09/323,040	12/3/98
207	98.03528.00	09/511,660	2/22/00
208	98.03546.00	09/298,156	4/23/99
200	98.03551.00	09/288,215	4/8/99
210	98.03557.00	09/669,228	9/25/00
211	98.03559.00	09/574,736	5/18/00
212	98.03726.00	09/306,954	5/7/99
213	98.03728.00	09/289,153	4/8/99
214	98.03738.00	09/299,620	4/27/99
215	98.03744.00	09/307,740	5/10/99
216	98.03746.00	09/525,180	3/14/00
217	98,03789.00	09/281,935	3/31/99
218	99.00116.00	09/350,316	7/9/99
219	91).00249.00	09/307,739	5/10/99
220	99.00312.00	09/414,655	10/6/99
221	99.00312.01	09/414,656	10/6/99
222	9:3.00428.00	09/420,787	10/19/99
223	90,00463.00	09/340, 722	6/29/99
224	99.00500.00	. 09/457,207	12/7/99
225	99,00558,00	09/317,841	5/25/99
226	99.00559.00	09/519,641	3/6/00
227	99.00617.00	09/317,840	5/25/99
228	99,00627.00	09/472,725	12/27/99
229	99.00648.00	09/350,908	7/12/99
230	99.00649.01	09/758,672	1/11/01
231	99.00651.00	09/313,813	5/18/99
232	99.00652.00	09/334,637	6/17/99
233	99.00672.00	09/313,815	5/18/99
234	99.00673.00	09/314,058	5/18/99
235	99.00700.00	09/510,793	2/23/00
236	99.00739.00	09/345,759	7/1/99
237	99.00799.00	09/377,069	8/19/99
238	\$9.00976.00	09/457,680	12/9/99
239	99.00979.00	09/386,311	8/31/99
240	99.00983.00	09/570,127	5/12/00

241	99.01017.00	09/363,788	7/29/99
242	99.01023.01	09/371,135	8/10/99
243	99.01245.00	09/383,470	8/26/99
244	99.01304.00	09/770,553	1/26/01
245	99.01681.00	09/553,305	4/20/00
246	99.01684.00	09/617,517	7/14/00
247	99.01770.00	09/502,793	2/11/00
248	99.01860.00	09/548,826	4/12/00
249	99.01954.00	09/330,374	6/10/99
250	99.01956.00	09/371,924	8/11/99
251	99.02108.00	09/419,523	10/18/99
252	99.02194.00	09/479,884	1/10/00
253	99.02461.00	09/505,599	2/16/00
254	99.02462.00	09/472,728	12/27/99
255	99.02541.00	09/544,701	4/6/00
256	99.02560.00	09/415,028	10/7/99
257	99.02560.01	09/415,029	10/7/99
258	99.02632.00	09/412,702	10/5/99
259	99.02860.00	09/526,910	3/16/00
260	99.02972.00	09/612,155	7/7/00
261	99.03146.00	09/492,828	1/27/00
262	99.03185.00	09/449,782	11/24/99
263	99.03497.00	09/626,470	7/26/00
264	99.03776.00	09/518,787	3/3/00
265	29.04178.00	09/528,754	7/31/00
266	99.04185.00	09/560,660	4/27/00
267	99.04262.00	09/602,147	6/21/00
268	99.04267.00	09/639,279	8/15/00
269	99.04268.00	09/661,540	9/14/00
270	99.04358.00	09/602,204	6/22/00
271	00.00315.00	09/550,726	4/17/00
272	00.00902.00	09/706,690	11/6/00
273	00.00903.00	09/632,194	8/2/00
274	00.01750.00	09/733,373	12/8/00
275	00.01751.00	09/733,372	12/8/00
276		09/776,364	
277		09/769,556	1/25/01

10829.862;

INVENTION DISCLOSURES

NO	DockerNumbe	Inventore)
1	01.00279.00	Amy Rubert
2	01.00280.00	Amy Rubert
3	00.00067.00	Robert Canella
4	00.00068.00	Robert Canella
5	00.00221.00	Rubinson, Paulson, Vulcan
6	00.00647.00	Brunelle, Momenpour
7	00.00725.00	James Howarth
8	00.01359.00	Von Fagan
9	00.01416.00	Helms, Price
10	00.01621.00	Steve Brunelle
11	00.01705.00	Hung Doan
12	00.02536.00	Mark Price, John New
13	00.02790.00	James Raitter
14	00.03061.00	Craig Boe
15	00.03470.00	Doug Rollins
16	00,03474.00	James Vineyard, James
		Reasons
17	00.03664.00	Doug Rollins
18	99.00582.00	Doug Rollins
19	99.04186.00	Jim McKeeth
20	99.04336.00	Doug Rollins
21	00.01937.00	Robert Canella
22	()0.02914.00	Robert Canella
23	01.00445.00	Dwayne Smith
24	1)1.00446.00	Michael Scott
25	01.00500.00	Frank Sharp, Michael Scott
26	01.00628.00	Frank Sharp
27	01.00629.00	Craig Boe
28	01,00630.00	Marc Pottratz
29	01.00656.00	Michael Hedman
30	01.00657.00	Kenneth Howell
31	01.00791.00	Doug Rollins
32	01.00849.00	Craig Soe
102		<u>. l - ~</u>

Ø 015 FEB 1 9 2012 A MADEMARY Micron Electronics, Inc. **RECEIVED** FEB 2 7 2002 **Technology Center 2100**

Executed on this 22nd day of March 2001 at Nampa, Idaho.

Steven P. Arnold, Vice President, General Counsel

State of Idaho

} ss.

County of Canyon

This <u>Idad</u> day of <u>March</u>, 2001, before me personally came the abovenamed <u>Steven P Arnold</u>, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

My commission expires